

Appl. No. 09/997,778

Amdt. dated March 3, 2004

Reply to Office action of December 3, 2003

Amendments to the Claims

TO ENTER
OKAY
3/31/04
[Signature]

This listing of claims will replace all prior versions, and listing of claims in the application:

Listing of Claims

1. (Currently Amended) A process for manufacturing a silicoaluminophosphate crystalline molecular sieve of pure LEV or CHA structure comprising particles having a mean particle size of at most 400 nm, the process comprising the steps of: (a) providing sources of aluminium, of phosphorus and of silicon, wherein the source of silicon is in solution with a water-miscible organic base; (b) forming a synthesis mixture from said sources; and (c) treating the synthesis mixture for a period of time and at a temperature sufficient to form the silicoaluminophosphate crystalline molecular sieve.
2. (Original) The process of claim 1, wherein the source of silicon is in solution in a water-miscible liquid organic base or an aqueous solution of a solid organic base.
3. (Original) The process of claim 2 wherein the water-miscible liquid organic base is in an admixture with water.
4. (Original) The process of claim 2 wherein the water-miscible liquid organic base functions as a structure-directing agent.
5. (Original) The process of claim 4 wherein the structure-directing agent is tetraethylammonium hydroxide (TEAOH).
6. (Original) The process of claim 4 wherein the structure-directing agent is a combination of tetraethylammonium hydroxide and dipropylamine.